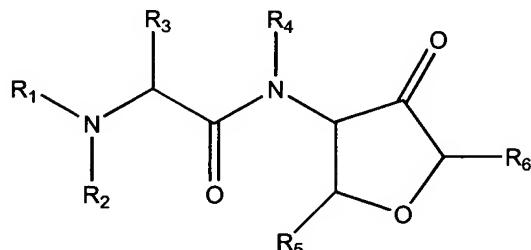


AMENDMENTS TO THE CLAIMS

1. **(Currently Amended)** A compound according to formula (II):



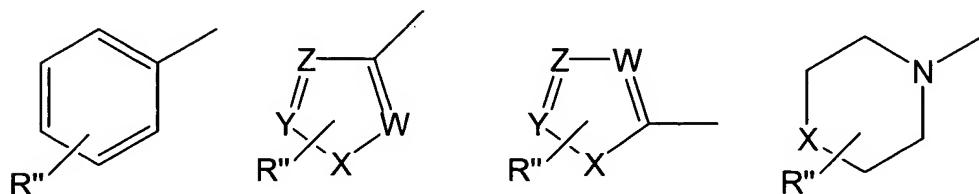
(II)

wherein:

wherein:

$R_1 = R', R'C(O), R' C(S), R' SO_2, R' OC(O), R' NHC(O)$

$R' =$



$X, Y, Z = O, S, NH, W$ ;

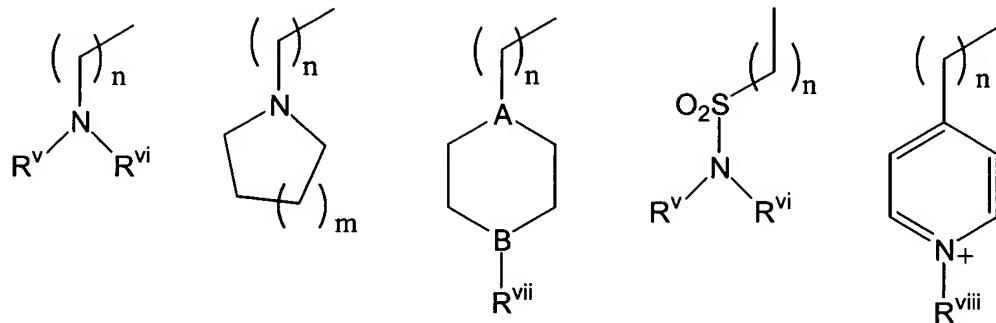
$R'' =$  single or multiple ring substitution combinations taken from:

H, C1-7-alkyl, C3-6-cycloalkyl, OH, SH, amine, halogen;

$R_2, R_4 =$  H, C1-7-alkyl, C3-7-cycloalkyl;

$R_3 =$  C1-7-alkyl, C3-7-cycloalkyl, Ar- C1-7-alkyl;

$R_5 =$  C1-7-alkyl, halogen, Ar- C1-7-alkyl, C1-3-alkyl-CONR'' or  $R^4$ ;

$R^{IV} =$ where  $n = 1-3$ ,  $m = 1-3$ ; $R^V, R^VI = H, C1-7\text{-alkyl};$  $A = N, CH;$  $B = N, O, S, CH;$  $R^VII = \text{absent when } B = O, S; \text{ or } R^VII = H, C1-7\text{-alkyl when } B = N, CH;$  $R^VIII = O, C1-7\text{-alkyl};$  $R^VI = H, C1-7\text{-alkyl}, Ar-C1-7\text{-alkyl}, C1-3\text{-alkyl}-SO2-R^IX,$  $C1-3\text{-alkyl}-C(O)-NHR^IX \text{ or } CH_2XAr;$ wherein:

each C1-3 alkyl or C1-7-alkyl (used alone or in composite expressions) is optionally substituted by one or two halogens and/or a heteroatom S, O, NH, in which a heteroatom located at a chain terminus is optionally substituted with one or 2 hydrogen atoms or an S heteroatom is optionally oxidised to the sulphone;

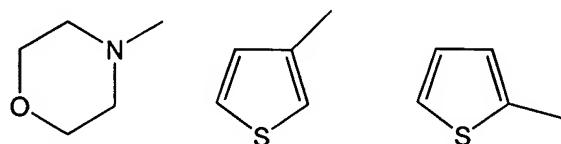
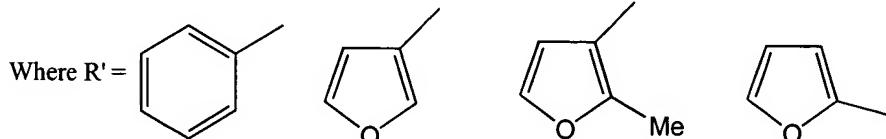
each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 or C3-7 carbocyclic ring, respectively; or the C3-6 or C3-7 cycloalkyl is spiro bound to the adjacent carbon without an intervening C1-C7;

each Ar- C1-7-alkyl comprises a phenyl, pyrazolyl, pyridyl, imidazolyl, oxazolyl, isoxazolyl, thiazinolyl, isothiazinolyl, thiazolyl, oxadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, furanyl or thienyl aromatic ring (Ar) attached through a C1-7-alkyl, which aromatic ring Ar is optionally substituted with halogen, C1-3-alkyl, OH, OC1-3-alkyl, SH, SC1-3-alkyl or amine;

and pharmaceutically acceptable salts thereof.

2. **(Original)** A compound according to claim 1, wherein R2 and/or R4 are hydrogen.

3. **(Original)** A compound according to claim 1, wherein R1 is R'C(O),

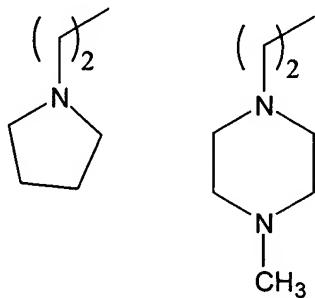


4. **(Original)** A compound according to claim 3, wherein R' is fur-3-yl or thien-3-yl

5. **(Original)** A compound according to claim 1, wherein R3 is n-butyl, t-butyl, 3-(2,2-dimethylpropyl), 4-(2-methylbutyl), 4-(3,3-dimethylbutyl), 4-(3,3-dimethyl-2-methylbutyl), 4-(3-methyl-2-methylbutyl) or 5-(2-methyl-3-methylpentyl).

6. **(Original)** A compound according to claim 5, wherein R3 is t-butyl, 3-(2,2-dimethylpropyl) or 4-(3,3-dimethyl-2-methylbutyl).

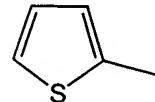
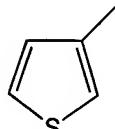
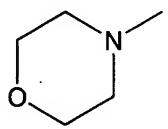
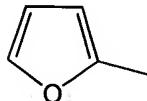
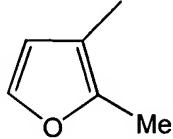
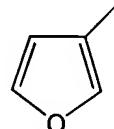
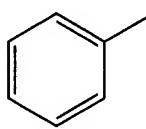
7. **(Original)** A compound according to claim 1, wherein R5 is CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, CH<sub>2</sub>Ar, CH<sub>2</sub>CONH<sub>2</sub>, (CH<sub>2</sub>)<sub>2</sub>CONH<sub>2</sub>,



8. **(Original)** A compound according to claim 7, wherein R5 is CH3 or CH2CH3.
9. **(Original)** A compound according to claim 1, wherein R5 has (S) stereochemistry.
10. **(Original)** A compound according to claim 1, wherein R6 is H or CH<sub>2</sub>XAr.
11. **(Original)** A compound according to claim 1, wherein

R1 = R'C(O)

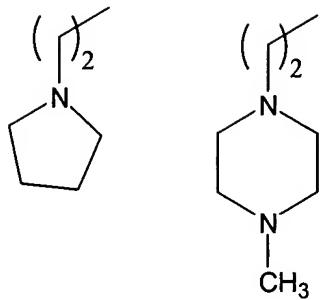
Where R' =



R2 and R4 = H;

R3 = n-butyl, t-butyl, 3-(2,2-dimethylpropyl), 4-(2-methylbutyl), 4-(3,3-dimethylbutyl), 4-(3,3-dimethyl-2-methylbutyl), 4-(3-methyl-2-methylbutyl), 5-(2-methyl-3-methylpentyl);

R5 = CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, CH<sub>2</sub>Ar, CH<sub>2</sub>CONH<sub>2</sub>, (CH<sub>2</sub>)<sub>2</sub>CONH<sub>2</sub>,



R6 = H, CH<sub>2</sub>-X-Ar or a pharmaceutically acceptable salt thereof

12. (Original) A compound which is selected from the group consisting of:  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,  
Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylbutyl]amide,  
Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylbutyl}amide,  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,  
Furan-3-carboxylic acid [4-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,  
Furan-3-carboxylic acid [4-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,  
Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-methylpentyl]amide,  
Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4-methylpentyl}amide,  
Furan-3-carboxylic acid [4-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylpentyl]amide,

Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylpentyl}amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,3,4-trimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,3,4-trimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3,4-trimethylpentyl]amide,

Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3,4-trimethylpentyl}amide,

Furan-3-carboxylic acid [3,3,4-trimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,4-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [3,4-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,4-dimethylpentyl]amide,

Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,4-dimethylpentyl}amide,

Furan-3-carboxylic acid [3,4-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Furan-3-carboxylic acid [4,5-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Furan-3-carboxylic acid [4,5-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4,5-dimethylhexyl]amide,  
Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4,5-dimethylhexyl}amide,  
Furan-3-carboxylic acid [4,5-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Furan-3-carboxylic acid [3-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Furan-3-carboxylic acid [3-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-methyl-3-phenylbutyl]amide,  
Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3-methyl-3-phenylbutyl}amide,  
Furan-3-carboxylic acid [3-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,  
Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]amide,  
Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}amide,  
Furan-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]amide,

Furan-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]amide,

Furan-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}amide,

Furan-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylbutyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethylbutyl}amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Thiophene-3-carboxylic acid [4-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [4-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-methylpentyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-4-methylpentyl}amide,

Thiophene-3-carboxylic acid [4-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethylpentyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylpentyl}amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,3,4-trimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,3,4-trimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3,4-trimethylpentyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3,4-trimethylpentyl}amide,

Thiophene-3-carboxylic acid [3,3,4-trimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,4-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [3,4-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,4-dimethylpentyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,4-dimethylpentyl}amide,

Thiophene-3-carboxylic acid [3,4-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Thiophene-3-carboxylic acid [4,5-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Thiophene-3-carboxylic acid [4,5-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4,5-dimethylhexyl]amide,  
Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4,5-dimethylhexyl}amide,  
Thiophene-3-carboxylic acid [4,5-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,  
Thiophene-3-carboxylic acid [3-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Thiophene-3-carboxylic acid [3-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-methyl-3-phenylbutyl]amide,  
Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3-methyl-3-phenylbutyl}amide,  
Thiophene-3-carboxylic acid [3-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,  
Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,  
Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,  
Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]amide,  
Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}amide,  
Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,

Thiophene-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]amide,

Thiophene-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}amide,

Thiophene-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethylbutyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylbutyl}amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,

2-Methylfuran-3-carboxylic acid [4-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [4-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-methylpentyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4-methylpentyl}amide,

2-Methylfuran-3-carboxylic acid [4-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethylpentyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylpentyl}amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,3,4-trimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,3,4-trimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3,4-trimethylpentyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3,4-trimethylpentyl}amide,

2-Methylfuran-3-carboxylic acid [3,3,4-trimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,4-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [3,4-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,4-dimethylpentyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,4-dimethylpentyl}amide,

2-Methylfuran-3-carboxylic acid [3,4-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

2-Methylfuran-3-carboxylic acid [4,5-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,

2-Methylfuran-3-carboxylic acid [4,5-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4,5-dimethylhexyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4,5-dimethylhexyl}amide,

2-Methylfuran-3-carboxylic acid [4,5-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,

2-Methylfuran-3-carboxylic acid [3-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [3-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-methyl-3-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3-methyl-3-phenylbutyl}amide,

2-Methylfuran-3-carboxylic acid [3-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,  
2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,  
2-Methylfuran-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]amide,  
2-Methylfuran-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}amide,  
2-Methylfuran-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3,3-dimethylbutyl]amide,  
1*H*-Pyrrole-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-3,3-dimethylbutyl}amide,  
1*H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)butyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [4-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [4-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,  
1*H*-Pyrrole-3-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-methylpentyl]amide,  
1*H*-Pyrrole-3-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3S-ylcarbamoyl]-4-methylpentyl}amide,  
1*H*-Pyrrole-3-carboxylic acid [4-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethylpentyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3,4-trimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3,4-trimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3,4-trimethylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3,4-trimethylpentyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3,3,4-trimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,4-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,4-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,4-dimethylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,4-dimethylpentyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3,4-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [4,5-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)hexyl]amide,

*1H*-Pyrrole-3-carboxylic acid [4,5-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)hexyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4,5-dimethylhexyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-4,5-dimethylhexyl}amide,

*1H*-Pyrrole-3-carboxylic acid [4,5-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)hexyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3-methyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-3-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3-methyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-methyl-3-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3-methyl-3-phenylbutyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3-methyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-4-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-5-phenylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-5-phenylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]amide,

*1H*-Pyrrole-3-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}amide,

*1H*-Pyrrole-3-carboxylic acid [3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3*S*-ylcarbamoyl)-5-phenylpentyl]amide,

*N*-[3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)butyl]benzamide,

*N*-[3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)butyl]benzamide,

*N*-[1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-3,3-dimethylbutyl]benzamide,

*N*-{1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl]-3,3-dimethylbutyl}benzamide,

*N*-[3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3*S*-ylcarbamoyl)butyl]benzamide,

*N*-[4-methyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]benzamide,

*N*-[4-methyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]benzamide,

*N*-[1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-4-methylpentyl]benzamide,

*N*-{1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl]-4-methylpentyl}benzamide,

*N*-[4-methyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]benzamide,

*N*-[3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]benzamide,

*N*-[3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)pentyl]benzamide,

*N-[1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylpentyl]benzamide,*  
*N-[1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethylpentyl]benzamide,*  
*N-[3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]benzamide, N-[3,3,4-trimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]benzamide,*  
*N-[3,3,4-trimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]benzamide,*  
*N-[1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3,4-trimethylpentyl]benzamide,*  
*N-[1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3,4-trimethylpentyl]benzamide,*  
*N-[3,3,4-trimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]benzamide,*  
*N-[3,4-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]benzamide,*  
*N-[3,4-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]benzamide,*  
*N-[1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,4-dimethylpentyl]benzamide,*  
*N-[1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,4-dimethylpentyl]benzamide,*  
*N-[3,4-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]benzamide,*  
*N-[4,5-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]benzamide,*  
*N-[4,5-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)hexyl]benzamide,*  
*N-[1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4,5-dimethylhexyl]benzamide,*  
*N-[1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-4,5-dimethylhexyl]benzamide,*

*N*-[4,5-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)hexyl]benzamide,  
*N*-[3-methyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-3-phenylbutyl]benzamide,  
*N*-[3-methyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]benzamide,  
*N*-[1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-methyl-3-phenylbutyl]benzamide,  
*N*-{1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3-methyl-3-phenylbutyl}benzamide,  
*N*-[3-methyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]benzamide,  
*N*-[3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-4-phenylbutyl]benzamide,  
*N*-[3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]benzamide,  
*N*-[1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]benzamide,  
*N*-{1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}benzamide,  
*N*-[3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]benzamide,  
*N*-[3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3*S*-ylcarbamoyl)-5-phenylpentyl]benzamide,  
*N*-[3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]benzamide,  
*N*-[1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]benzamide,  
*N*-{1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}benzamide,

*N*-[3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]benzamide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Morpholine-4-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylbutyl]amide,

Morpholine-4-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethylbutyl}amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)butyl]amide,

Morpholine-4-carboxylic acid [4-methyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [4-methyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-methylpentyl]amide,

Morpholine-4-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-4-methylpentyl}amide,

Morpholine-4-carboxylic acid [4-methyl-1*S*-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1*S*-(2*S*-methyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1*S*-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [1*S*-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethylpentyl]amide,

Morpholine-4-carboxylic acid {1*S*-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethylpentyl}amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,3,4-trimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,3,4-trimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3,4-trimethylpentyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3,4-trimethylpentyl}amide,

Morpholine-4-carboxylic acid [3,3,4-trimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,4-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [3,4-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,4-dimethylpentyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,4-dimethylpentyl}amide,

Morpholine-4-carboxylic acid [3,4-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)pentyl]amide,

Morpholine-4-carboxylic acid [4,5-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)hexyl]amide,

Morpholine-4-carboxylic acid [4,5-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)hexyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4,5-dimethylhexyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-4,5-dimethylhexyl}amide,

Morpholine-4-carboxylic acid [4,5-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)hexyl]amide,

Morpholine-4-carboxylic acid [3-methyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-3-phenylbutyl]amide,

Morpholine-4-carboxylic acid [3-methyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3-methyl-3-phenylbutyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3-methyl-3-phenylbutyl}amide,

Morpholine-4-carboxylic acid [3-methyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-3-phenylbutyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-4-phenylbutyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-4-phenylbutyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-4-phenylbutyl}amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-4-phenylbutyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(2S-methyl-4-oxo-tetrahydrofuran-3S-ylcarbamoyl)-5-phenylpentyl]amide,

Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(2-ethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]amide,

Morpholine-4-carboxylic acid [1S-(2-carbamoylmethyl-4-oxo-tetrahydrofuran-3-ylcarbamoyl)-3,3-dimethyl-5-phenylpentyl]amide,

Morpholine-4-carboxylic acid {1S-[2-(2-dimethylaminoethyl)-4-oxo-tetrahydrofuran-3-ylcarbamoyl]-3,3-dimethyl-5-phenylpentyl}amide,

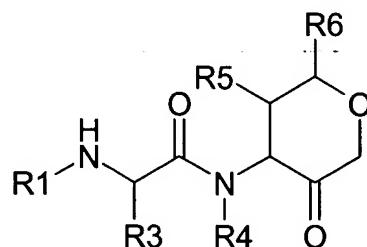
Morpholine-4-carboxylic acid [3,3-dimethyl-1S-(4-oxo-2-pyrrolidin-1-ylmethyl-tetrahydrofuran-3-ylcarbamoyl)-5-phenylpentyl]amide,  
or a pharmaceutically acceptable salt thereof.

13. (Original) A pharmaceutical composition comprising a compound according to any preceding claim and a pharmaceutically acceptable carrier.

14. (Cancelled)

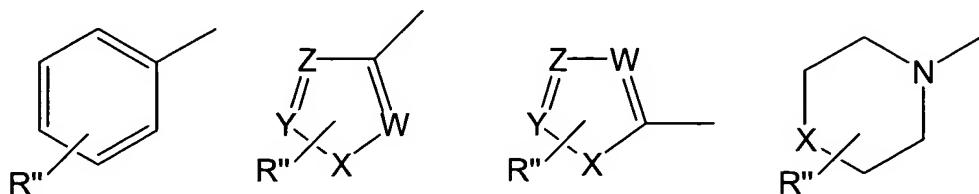
15. (Cancelled)

16. (Currently Amended) A compound of the formula IV



where

R1 is R'C(=O)- or R'-S(=O)2-  
R' is



X, = O, S, NH,

W, Y, Z = CH, N;

R'' = single or multiple ring substitution combinations taken from:

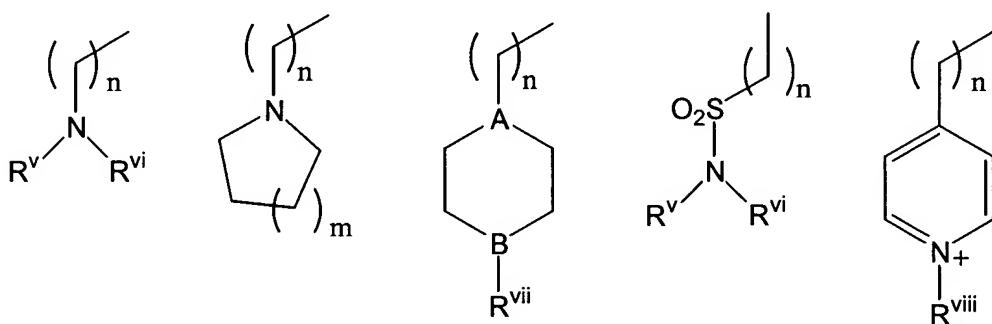
H, C1-7-alkyl, C3-6-cycloalkyl, OH, SH, amine, halogen;

R3 = C1-7-alkyl, C2-C7 alkenyl, C3-7-cycloalkyl, Ar, Ar-C1-7-alkyl, Ar-C1-C7-alkyl;

R4 = H, C1-7-alkyl, C3-7-cycloalkyl; C2-7alkenyl, Ar, ArC1-7-alkyl;

R5 = C1-7-alkyl, hydroxy- or halo-substituted C1-C7alkyl, halogen, Ar-C1-7-alkyl, C0-3-alkyl-CONR3R4 or R<sup>iv</sup>;

R<sup>iv</sup> =



where n = 1-3, m = 1-3;

R<sup>v</sup>, R<sup>vi</sup> = H, C1-7-alkyl;

A = N, CH;

B = N, O, S, CH;

R<sup>vii</sup> = absent when B = O, S; or R<sup>vii</sup> = H, C1-7-alkyl when B = N, CH;

R<sup>viii</sup> = O, C1-7-alkyl;

R6 = H, C1-7-alkyl, Ar-C1-7-alkyl, C1-3-alkyl-SO<sub>2</sub>-R<sup>ix</sup>, C1-3-alkyl-C(O)-NHR<sup>ix</sup> or CH<sub>2</sub>XAr;

R<sup>ix</sup> is C1-7 alkyl, ArC1-7-alkyl or C3-6-cycloalkyl;

wherein;

each C1-3 alkyl or C1-7-alkyl (used alone or in composite expressions) is optionally substituted by one or two halogens and/or a heteroatom S, O, NH, in which a heteroatom located at a chain terminus is optionally substituted with one or 2 hydrogen atoms or an S heteroatom is optionally oxidised to the sulphone;

each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 or C3-7 carbocyclic ring, respectively; or the C3-6 or C3-7 cycloalkyl is spiro bound to the adjacent carbon without an intervening C1-C7;

each Ar- C1-7-alkyl comprises a phenyl, pyrazolyl, pyridyl, imidazolyl, oxazolyl, isoxazolyl, thiazinolyl, isothiazinolyl, thiazolyl, oxadiazolyl, 1,2,3-triazolyl, 1,2,4-triazolyl, furanyl or thienyl aromatic ring (Ar) attached through a C1-7-alkyl, which aromatic ring Ar is optionally substituted with halogen, C1-3-alkyl, OH, OC1-3-alkyl, SH, SC1-3-alkyl or amine

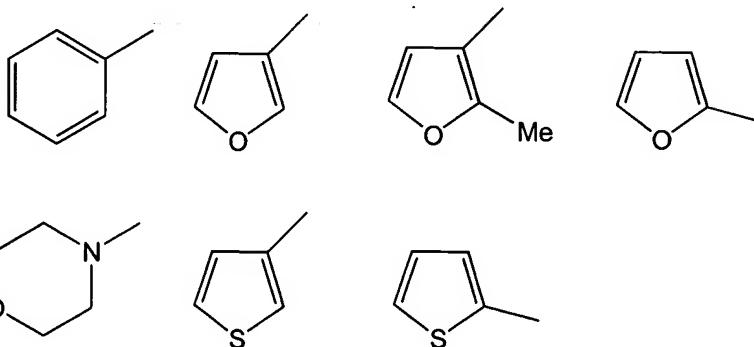
and pharmaceutically acceptable salts thereof.

17. **(Original)** A compound according to claim 16, wherein R4 and/or R6 are hydrogen.

18. **(Original)** A compound according to claim 16, wherein R1 is R'C(O).

19. **(Original)** A compound according to claim 18,

Where R' =



20. **(Original)** A compound according to claim 19, wherein R' is fur-3-yl or thien-3-yl.

21. **(Original)** A compound according to claim 19, wherein R' is phenyl having multiple substitutions selected from C1-7 alkyl, C3-6-cyclocalkyl, OH, SH, amine and halogen.

22. **(Original)** A compound according to claim 21 wherein the substitutions are at the 3 and 4 position of the phenyl.

23. **(Original)** A compound according to claim 16 wherein R3 has the S stereochemistry.

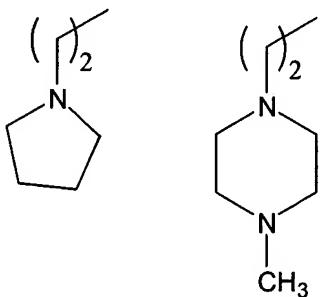
24. (Original) A compound according to claim 23, wherein R3 is n-butyl, t-butyl, 3-(2,2-dimethylpropyl), 4-(2-methylbutyl), 4-(3,3-dimethylbutyl), 4-(3,3-dimethyl-2-methylbutyl), 4-(3-methyl-2-methylbutyl) or 5-(2-methyl-3-methylpentyl).

25. (Original) A compound according to claim 24, wherein R3 is t-butyl, 3-(2,2-dimethylpropyl) or 4-(3,3-dimethyl-2-methylbutyl).

26. (Original) A compound according to claim 16, wherein R3 is C3-C6 cycloalkyl.

27. (Original) A compound according to claim 26 wherein R3 is the side chain of L-cycohexylalanine or L-cyclopentylalanine.

28. (Original) A compound according to claim 16, wherein R5 is CH<sub>3</sub>, C<sub>2</sub>H<sub>5</sub>, CH<sub>2</sub>OH, CH<sub>2</sub>Ar, CH<sub>2</sub>CONH<sub>2</sub>, (CH<sub>2</sub>)<sub>2</sub>CONH<sub>2</sub>,



29. (Original) A compound according to claim 28, wherein R5 is CH<sub>3</sub>, CH<sub>2</sub>CH<sub>3</sub> or CH<sub>2</sub>OH.

30. (Original) A compound according to claim 16, wherein R5 has (S) stereochemistry.

31. **(Original)** A compound according to claim 30, wherein the pyranone 4-bond also has the (S) stereochemistry.

32. **(Original)** A compound according to claim 16 wherein R5 has the (R) stereochemistry.

33. **(Currently Amended)** A compound according to claim 32 wherein the pyranone 4-bond also has the (R) stereochemistry.

34. **(Original)** A compound selected from the group consisting of  
Furan-3-carboxylic acid (1S)-[3,3-dimethyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-amide  
Furan-3-carboxylic acid (1S)-[2-cyclohexyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide  
(1S)-N-[3,3-Dimethyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-benzamide  
(1S)-N-[2-Cyclohexyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide  
(1S)-N-[3,3-Dimethyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-4-hydroxy-3-methyl-benzamide  
(1S)-N-[2-Cyclohexyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide  
Furan-3-carboxylic acid (1S)-[2-cyclopentyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide  
(1S)-N-[2-Cyclopentyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide  
(1S)-N-[2-Cyclopentyl-1-(3-methyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide  
  
Furan-3-carboxylic acid (1S)-[3,3-dimethyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-amide  
Furan-3-carboxylic acid (1S)-[2-cyclohexyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide  
(1S)-N-[3,3-Dimethyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-benzamide  
(1S)-N-[2-Cyclohexyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide

(1*S*)-*N*-[3,3-Dimethyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-4-hydroxy-3-methyl-benzamide

(1*S*)-*N*-[2-Cyclohexyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide

Furan-3-carboxylic acid (1*S*)-[2-cyclopentyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide

(1*S*)-*N*-[2-Cyclopentyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide

(1*S*)-*N*-[2-Cyclopentyl-1-(3-ethyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide

Furan-3-carboxylic acid (1*S*)-[3,3-dimethyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-amide

Furan-3-carboxylic acid (1*S*)-[2-cyclohexyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide

(1*S*)-*N*-[3,3-Dimethyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-benzamide

(1*S*)-*N*-[2-Cyclohexyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide

(1*S*)-*N*-[3,3-Dimethyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-butyl]-4-hydroxy-3-methyl-benzamide

(1*S*)-*N*-[2-Cyclohexyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide

Furan-3-carboxylic acid (1*S*)-[2-cyclopentyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-amide

(1*S*)-*N*-[2-Cyclopentyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-benzamide

(1*S*)-*N*-[2-Cyclopentyl-1-(3-propyl-5-oxo-tetrahydro-pyran-4-ylcarbamoyl)-ethyl]-4-hydroxy-3-methyl-benzamide

and pharmaceutically acceptable salts thereof

35. **(Original)** A compound according to claim 34 having the 3*S*,4*S* configuration.

36. **(Original)** A compound according to claim 34 having the 3*R*,4*R* configuration.

37. **(Original)** A pharmaceutical composition comprising a compound according to claim 16 and a pharmaceutically acceptable carrier.

38. **(Original)** A pharmaceutical composition comprising a compound according to claim 34 and a pharmaceutically acceptable carrier.

39. **(Cancelled)**

40. **(Currently Amended)** A method for the preparation of a compound as defined in claim 16, comprising the steps of manipulating the protecting groups on a suitably protected carbohydrate derivative to effect deoxygenation at the anomeric ~~position~~position, introducing the R5 substituent via a ketone functionality, ~~for example by Wittig chemistry~~, introducing the 4-amino group by further manipulation of the remaining carbohydrate oxygen functionality to provide a protected 4-amino-5-substituted pyranone, N-extending the amine function using peptide chemistry and adding the R'C(=O) or R'S(=O)<sub>2</sub> capping group.

41. **(Original)** A method for the preparation of a compound as defined in claim 16, comprising the steps of diazotising an O-protected, acyclic carboxylic derivative of a suitably derivatised 3-amino-4-substituted lactone, cyclising the diazomethylketone produced to afford a protected 4-amino-5-substituted pyranone, N-extending the amine function using peptide chemistry and adding the R'C(=O) or R'S(=O)<sub>2</sub> capping group

42. **(New)** The method according to claim 40, wherein said R5 substituent is introduced via Wittig chemistry.

43. **(New)** A compound according to claim 1, wherein C1-3 alkyl or C1-7-alkyl (used alone or in composite expressions) is optionally substituted by one or two halogens and/or a heteroatom S, O, NH, in which a heteroatom located at a chain terminus is optionally substituted with one or 2 hydrogen atoms.

44. (New) A compound according to claim 1, wherein each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 or C3-7 cycloalkyl ring, respectively.

45. (New) A compound according to claim 1, wherein each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 carbocyclic ring, selected from cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl.

46. (New) A compound according to claim 16, wherein C1-3 alkyl or C1-7-alkyl (used alone or in composite expressions) is optionally substituted by one or two halogens and/or a heteroatom S, O, NH, in which a heteroatom located at a chain terminus is optionally substituted with one or 2 hydrogen atoms.

47. (New) A compound according to claim 16, wherein each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 or C3-7 cycloalkyl ring, respectively.

48. (New) A compound according to claim 16, wherein each C3-6 or C3-7 cycloalkyl comprises a C1-7-alkyl which additionally contains a C3-6 carbocyclic ring, selected from cyclopropyl, cyclobutyl, cyclopentyl or cyclohexyl.